



#34 / F
5-8-03
Mallari

PATENT
BTG-1002US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Michael F. STUMBORG, et al.)
Serial No.: 09/137,084 /)
Filed: August 20, 1998 /)
Title: **ELECTRONIC DEVICES WITH**)
BARIUM BARRIER FILM AND)
PROCESS FOR MAKING SAME)

Group Art Unit: 2811
Examiner: Hung K. Vu

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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Lynne Webb
Name of person signing document

Lynne Webb
Signature of person signing document

Commissioner For Patents
Washington, D.C. 20231

Sir:

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

In response to the Official Action dated October 24, 2002, please reconsider the rejections therein in light of the amendments and reasoning set forth below.

IN THE CLAIMS

Please amend claims 1, 2, 21, and 23 to read as follows:

- NE.
CLAIMS
1, 2, 21, 23
CANCELLED
1. (Twice Amended) A semiconductor device comprising:
a substrate;
a barrier film having a monolayer of elemental barium atoms on said substrate;
and
a metallic material directly on said barrier film.

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